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**Galor et al.**

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(54) **THREE DIMENSIONAL USER INTERFACE SESSION CONTROL USING DEPTH SENSORS**

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**Related U.S. Application Data**

(63) Continuation of application No. 14/714,297, filed on May 17, 2015, now Pat. No. 9,417,706, which is a continuation of application No. 14/055,997, filed on Oct. 17, 2013, now Pat. No. 9,035,876, which is a continuation-in-part of application No. 13/314,210, filed on Dec. 8, 2011, now Pat. No. 8,933,876, said application No. 14/714,297 is a continuation-in-part of application No. 13/423,314, filed on Mar. 19, 2012, now abandoned, which is a continuation-in-part of application No. 12/352,622, filed on Jan. 13, 2009, now Pat. No. 8,166,421.

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(51) **Int. Cl.**

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| ***G06F 3/03*** | (2006.01) |
| ***G06F 3/0481*** | (2013.01) |

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CPC ..... ***G06F 3/017*** (2013.01); ***G06F 3/005*** (2013.01); ***G06F 3/011*** (2013.01); ***G06F 3/0304*** (2013.01); ***G06F 3/04815*** (2013.01)

(58) **Field of Classification Search**
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See application file for complete search history.

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(57) **ABSTRACT**

A method, including receiving, by a computer executing a non-tactile three dimensional (3D) user interface, a set of multiple 3D coordinates representing a gesture by a hand positioned within a field of view of a sensing device coupled to the computer, the gesture including a first motion in a first direction along a selected axis in space, followed by a second motion in a second direction, opposite to the first direction, along the selected axis. Upon detecting completion of the gesture, the non-tactile 3D user interface is transitioned from a first state to a second state.

**15 Claims, 5 Drawing Sheets**